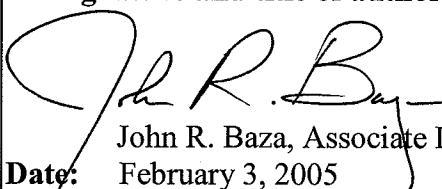


**STATE ACTIONS**  
**Resource Development Coordinating Committee**  
**Governor's Office of Planning and Budget**  
**5110 State Office Building**  
**SLC, UT 84114**  
**Phone No. 537-9230**

<b>1. State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. Approximate date project will start:</b>  Upon Approval or February 17, 2005
<b>3. Title of proposed action:</b> Application for Permit to Drill	
<b>4. Description of Project:</b>  The Houston Exploration Company proposes to drill the Buck Camp 2-2 well (wildcat) on State lease ML-47087, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)</b> (include UTM coordinates where possible) (indicate county) 848' FNL 2081' FEL, NW/4 NE/4, Section 2, Township 12 South, Range 22 East, Uintah County, Utah	
<b>6. Possible significant impacts likely to occur:</b> Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
<b>7. Identify local government affected</b> a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
<b>8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:</b> a. Has the representative and senator been contacted? N/A	
<b>9. Areawide clearinghouse(s) receiving state action:</b> (to be sent out by agency in block 1) Uintah Basin Association of Governments	
<b>10. For further information, contact:</b>   Diana Whitney Phone: (801) 538-5312	<b>11. Signature and title of authorized officer</b>  John R. Baza, Associate Director Date: February 3, 2005

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

001

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: ML-47087	6. SURFACE: State
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: The Houston Exploration Company		8. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: 1100 Louisiana Suite 20 CITY Houston STATE TX ZIP 77002		PHONE NUMBER: (713) 830-6800	9. WELL NAME and NUMBER: Buck Camp 2-2
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 848' FNL & 2081' FEL AT PROPOSED PRODUCING ZONE: Same as above		10. FIELD AND POOL, OR WILDCAT: <del>Bitter Creek</del> Wildcat	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 2 12S 22E		12. COUNTY: Uintah	
13. STATE: UTAH		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 65.0 miles South of Vernal Utah	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 848'	16. NUMBER OF ACRES IN LEASE: 640.24	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) N/A	19. PROPOSED DEPTH: 6,670	20. BOND DESCRIPTION: 104155044	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5587.4	22. APPROXIMATE DATE WORK WILL START: 2/15/2005	23. ESTIMATED DURATION: 30 days	

24.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
11"	8 5/8" J-55 36#	2,000	PRIMIUM LITE II	250 SKS	3.38CF	11.0 PPG
			CLASS "G"	329 SKS	1.2 CF	15.6 PPG
			CALCIUM CHLORIDE	200 SKS	1.10 CF	15.6 PPG
7 7/8"	4 1/2" N-80 11.6#	8,000	PRIMIUM LITE II	200 SKS	3.3 CF	11.0 PPG
			CLASS "G"	400 SKS	1.56 CF	14.3 PPG

25.

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT)

William A. Ryan

TITLE Agent

SIGNATURE

DATE 1/25/2005

(This space for State use only)

API NUMBER ASSIGNED:

43-047-36273

APPROVAL:

RECEIVED

FEB 02 2005

DIV. OF OIL, GAS & MINING

# THE HOUSTON EXPLORATION COMPANY

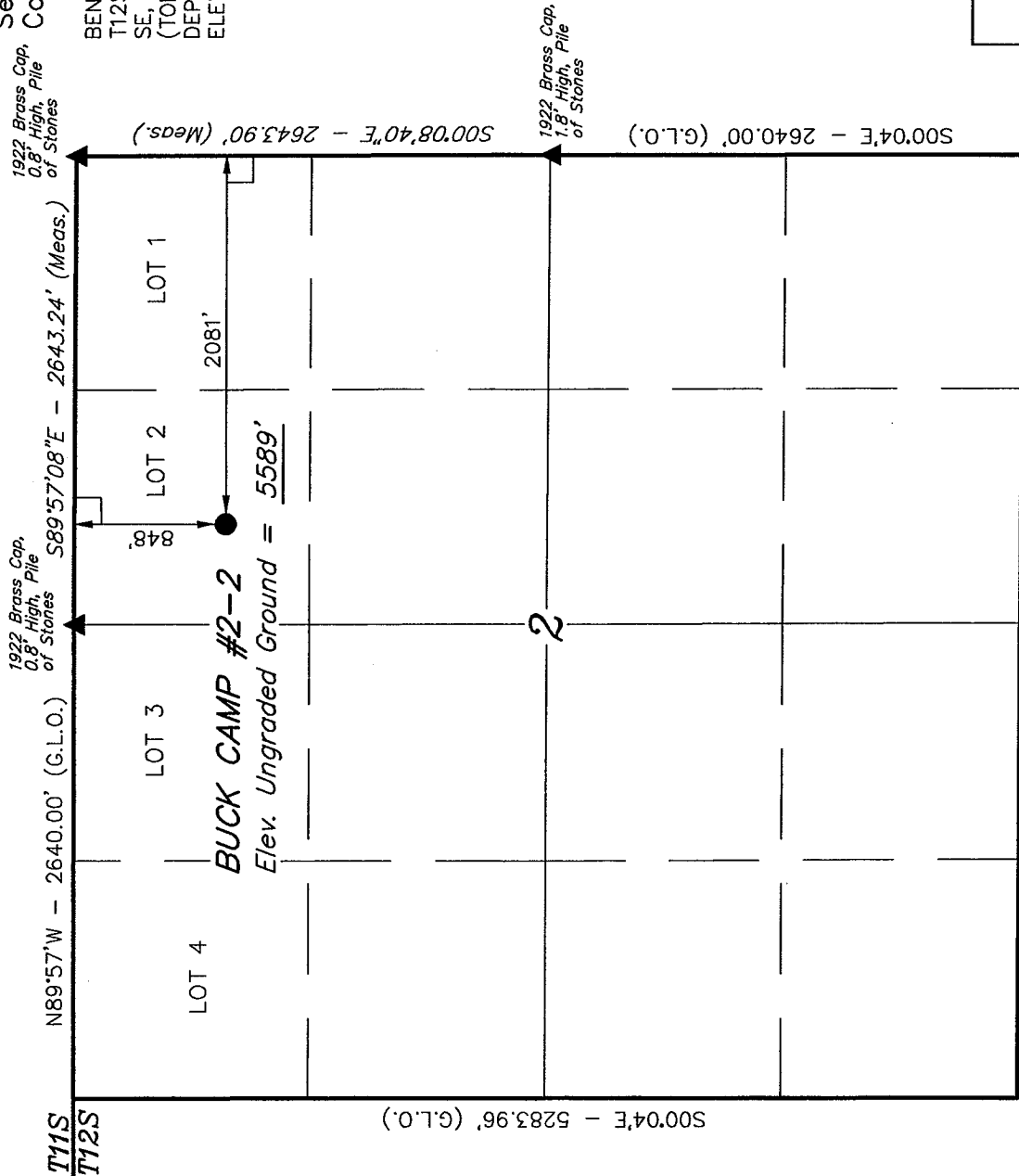
T12S, R22E, S.L.B.&M.

Well location, BUCK CAMP #2-2, located as shown in the NW 1/4 NE 1/4 (Lot 2) of Section 2, T12S, R22E, S.L.B.&M. Uintah County, Utah

BENCH MARK 87 EAM LOCATED IN THE SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE, QUADRANGLE, UTAH, UINAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



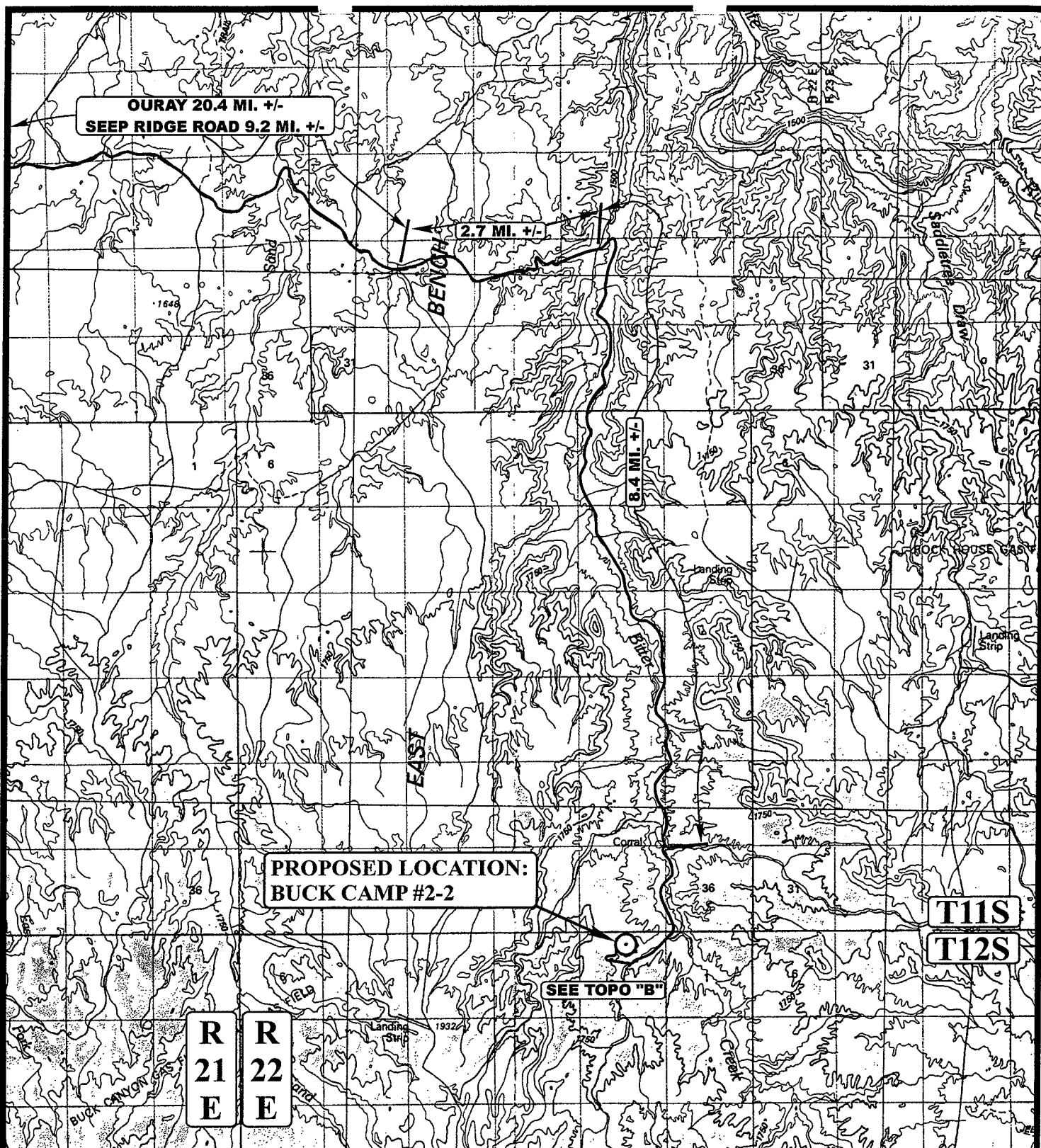
## LEGEND:

- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.
- (AUTONOMOUS NAD 83)  
 LATITUDE = 39°48'27.18" (39.807550)  
 LONGITUDE = 109°25'13.36" (109.420378)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°48'27.30" (39.807583)  
 LONGITUDE = 109°25'10.92" (109.419700)

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-30-04	DATE DRAWN: 1-6-05
PARTY B.B. J.M. E.C.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE	THE HOUSTON EXPLORATION COMPANY

CERTIFICATE OF LAND SURVEY  
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 197319  
 STATE OF UTAH



# **LEGEND:**

⊙ PROPOSED LOCATION

## **THE HOUSTON EXPLORATION COMPANY**

**BUCK CAMP #2-2**  
**SECTION 2, T12S, R22E, S.L.B.&M.**  
**848' FNL 2081' FEL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**12 19 04**  
 MONTH DAY YEAR

**SCALE: 1:100,000** **DRAWN BY: C.P.** **REVISED: 00-00-00**

